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Georg et al. *Tet. Letters*, 26, 33 (1985), pp. 3903-3906.

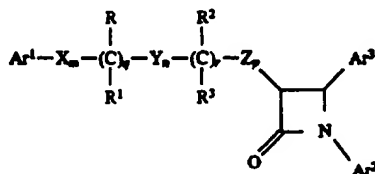
Hart et al. *Tet. Letters*, 45 (1985), pp. 5493-5496.

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[57] ABSTRACT

Hydroxy-substituted azetidinone hypocholesterolemic agents of the formula



or a pharmaceutically acceptable salt thereof, wherein:

Ar¹ and Ar² are aryl or R⁴-substituted aryl;

Ar³ is aryl or R⁵-substituted aryl;

X, Y and Z are —CH₂—, —CH(lower alkyl)— or —C(dilower alkyl)—;

R and R² are —OR⁶, —O(CO)R⁶, —O(CO)OR⁹ or —O(CO)NR⁶R⁷;

R¹ and R³ are H or lower alkyl;

q is 0 or 1; r is 0 or 1; m, n and p are 0-4; provided that at least one of q and r is 1, and the sum of m, n, p, q and r is 1-6; and provided that when p is 0 and r is 1, the sum of m, q and n is 1-5;

R⁴ is selected from lower alkyl, R⁵, —CF₃, —CN, —NO₂ and halogen R⁵ is selected from —OR⁶, —O(CO)R⁶, —O(CO)OR⁹, —O(CH₂)₁₋₅OR⁶, —O(CO)NR⁶R⁷, —NR⁶R⁷, —NR⁶(CO)R⁷, —NR⁶(CO)OR⁹, —NR⁶(CO)NR⁷R⁸, —NR⁶SO₂R⁹, —COOR⁶, —CONR⁶R⁷, —COR⁶, —SO₂NR⁶R⁷, S(O)₀₋₂R⁹, —O(CH₂)₁₋₁₀—COOR⁶, —O(CH₂)₁₋₁₀CONR⁶R⁷, —(lower alkylene)COOR⁶ and —CH=CH—COOR⁶;

R⁶, R⁷ and R⁸ are H, lower alkyl, aryl or aryl-substituted

lower alkyl, aryl or aryl-substituted lower alkyl;

are disclosed, as well as a method of lowering serum cholesterol by administering said compounds, alone or in combination with a cholesterol biosynthesis inhibitor, pharmaceutical compositions containing them; and a process for preparing them.

(9 Claims, No Drawings)

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